



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
FORT WORTH DISTRICT, CORPS OF ENGINEERS
P. O. BOX 17300
FORT WORTH, TEXAS 76102-0300

September 10, 2003

Contracting Division

Planholders:

1. Reference is made to Solicitation No. DACA63-03-B-0008, FY 03 PN 19960, Upgrade Water Systems, Fort Bliss, Texas.
2. Enclosed are answers to contractor questions that were submitted to this office for the referenced solicitation.
3. This enclosure is for information purposes only and is not a part of the Invitation For Bid.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard D. Feller", is written above the printed name.

Richard D. Feller
Contract Specialist

Enclosure

Q1:

Re: Division 13 - Special Construction

Section 13206A

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SD-07 Certificates

Specification - "Certification by an independent third - party organization that all interior coating and materials that come in contact with the potable water comply with NSF 61"

Question - "What type of Certification are you looking for?" The paint manufacturer certifies that paint is NSF 61 approved. The paint manufacturer does not witness any application of coatings. A Certified Level III NACE (National Association of Corrosion Engineers) Inspector can be hired to inspect all coating applications in shop and field, these are considered third party. The NACE Inspector certifies that all approved coatings are applied and applied according to manufacturer. A report is provided to the owner with photos and a written report.

A1: The contractor is to provide third party certification.

Q2:

Re: Division 13 - Special Construction

Section 13206A

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3.6.3 Inspections and Testing

Specification - "Mill and shop inspections shall be performed by an approved commercial inspection agency."

Question - What type of mil and shop inspections are you looking for? Are you referring to paint mils or a steel mil report. A steel mil will provide test certificates when material is purchased. Paint mils can be provided by the contractor or by an "Independent Certified Level III NACE Inspector".

Specification - "Radiographic Inspections of the welded tank shell shall be performed by the Contractor"

Please verify - Radiographic inspections shall be provided by the Contractor and shall be performed by a Certified Testing Laboratory.

A2: The contractor is to provide third party certification.

Q3:

A review of section 13111A is specifically for the tank interior wetted surfaces and does not address any external surface of the steel tanks that is in direct contact with the ground.

1. There are two optional areas with new ground storage reservoirs that have extensive underground DI pipe installations. previous addendum's and the specifications call for sacrificial anodes on the underground pipe. The pipe takeoff is not the problem. However, the inlet side of the tanks converted to welded steel pipe outside the tank ring and then is directly welded to the tank floor. That makes the exterior tank bottom electrically continuous with the piping system and increases the amount of cathodic protection for the pipe by approximately 10 amps for the Area C tank. Ten amps is equivalent to 119 - 32 lb. pkg. Magnesium high potential anodes. Detail 2 sht S-503 shows the use of a steel to ductile iron transition fitting. It does not show it to be a dielectric style fitting. For the pipe cp to work properly, this fittings should be some type of isolating fitting supplied by the utility contractor. Have we missed a detail or reference that specifies how to handle this properly?

A: The steel tanks are intended to be electically isolated from the underground piping at the coupling. Amendment 0005 included a note to insure electrical discontinuity at the coupling.

2. There is one elevated storage tank that is being repainted. Is it the intent of the contract documents to replace or install a new impressed current system in the tank?

A: No

END